Argentina - The probabilities of a hip fracture in men

The following tables give the 10-year probability (%) of a hip fracture according to the T-score for femoral neck BMD , the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Argentina. The range is not a confidence interval, but because the weight of different risk factors varies, is a true range.

Note that the BMI is set at 24 kg/m².

Age = 50 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	6.3	3.4	1.8	0.9	0.5	0.3	0.1	0.1	0.0	0.0	0.0
1	9.9 (6.6-13)	5.3 (3.5-7.0)	2.8 (1.9-3.8)	1.5 (1.0-2.0)	0.8 (0.5-1.0)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.0)	0.0 (0.0-0.0)
2	15 (9.3-22)	8.4 (5.0-13)	4.5 (2.6-6.8)	2.4 (1.4-3.6)	1.3 (0.7-1.9)	0.7 (0.4-1.0)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.0)
3	23 (14-34)	13 (7.5-20)	7.0 (4.0-11)	3.7 (2.1-6.0)	2.0 (1.1-3.2)	1.0 (0.6-1.7)	0.5 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.0 (0.0-0.1)
4	33 (22-47)	19 (12-29)	11 (6.7-16)	5.8 (3.6-9.0)	3.1 (1.9-4.8)	1.6 (1.0-2.6)	0.9 (0.5-1.4)	0.4 (0.3-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
5	46 (36-58)	28 (21-38)	16 (12-22)	8.8 (6.4-13)	4.7 (3.4-6.8)	2.5 (1.8-3.6)	1.3 (1.0-1.9)	0.7 (0.5-1.0)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
6	60	39	23	13	7.2	3.8	2.0	1.1	0.6	0.3	0.2

Ten year probability of hip fractures (%) according to BMD, the number of clinical risk factors (CRF) and age in men from Argentina.

Age = 55 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	7.4	4.2	2.3	1.3	0.7	0.4	0.2	0.1	0.1	0.0	0.0
1	11 (7.8-14)	6.4 (4.4-8.0)	3.6 (2.4-4.5)	2.0 (1.3-2.5)	1.1 (0.7-1.4)	0.6 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.0)
2	17 (11-23)	9.7 (6.1-14)	5.5 (3.4-7.8)	3.0 (1.9-4.4)	1.7 (1.0-2.4)	0.9 (0.6-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)
3	24 (16-33)	14 (9.2-21)	8.2 (5.2-12)	4.6 (2.9-6.9)	2.6 (1.6-3.9)	1.4 (0.9-2.2)	0.8 (0.5-1.2)	0.4 (0.3-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
4	34 (24-45)	21 (14-29)	12 (8.3-18)	7.0 (4.6-10)	3.9 (2.6-5.8)	2.2 (1.4-3.3)	1.2 (0.8-1.8)	0.6 (0.4-1.0)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
5	45 (37-55)	29 (23-38)	18 (14-24)	10 (8.0-14)	5.8 (4.5-8.2)	3.2 (2.5-4.6)	1.8 (1.4-2.6)	1.0 (0.8-1.4)	0.6 (0.4-0.8)	0.3 (0.2-0.5)	0.2 (0.1-0.3)
6	56	39	25	15	8.6	4.8	2.7	1.5	0.8	0.5	0.3

Age = 60 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	10	6.0	3.5	2.1	1.2	0.7	0.4	0.2	0.1	0.1	0.1
1	15 (11-17)	9.0 (6.3-11)	5.3 (3.7-6.3)	3.2 (2.2-3.7)	1.8 (1.3-2.2)	1.1 (0.7-1.3)	0.6 (0.4-0.7)	0.4 (0.3-0.4)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
2	21 (15-28)	13 (8.8-18)	8.0 (5.2-11)	4.7 (3.1-6.5)	2.8 (1.8-3.8)	1.6 (1.1-2.2)	1.0 (0.6-1.3)	0.6 (0.4-0.8)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
3	29 (21-38)	19 (13-25)	12 (7.9-16)	7.0 (4.7-9.9)	4.2 (2.7-6.0)	2.5 (1.6-3.5)	1.4 (0.9-2.1)	0.8 (0.5-1.2)	0.5 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.1-0.3)
4	39 (31-49)	26 (20-35)	17 (12-23)	10 (7.4-15)	6.2 (4.4-8.9)	3.7 (2.6-5.3)	2.2 (1.5-3.2)	1.3 (0.9-1.9)	0.8 (0.5-1.1)	0.5 (0.3-0.7)	0.3 (0.2-0.4)
5	50 (44-59)	35 (30-45)	23 (20-31)	15 (12-20)	9.0 (7.4-12)	5.4 (4.4-7.5)	3.2 (2.6-4.5)	1.9 (1.5-2.6)	1.1 (0.9-1.6)	0.7 (0.6-1.0)	0.4 (0.3-0.6)
6	61	46	32	21	13	7.8	4.7	2.8	1.7	1.0	0.6

Ten year probability of hip fractures (%) according to BMD, the number of clinical risk factors (CRF) and age in men from Argentina.

Age = 65 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	12	7.9	5.0	3.1	1.9	1.2	0.7	0.5	0.3	0.2	0.1
1	17 (13-20)	11 (8.3-13)	7.3 (5.2-8.2)	4.6 (3.3-5.2)	2.9 (2.0-3.3)	1.8 (1.3-2.0)	1.1 (0.8-1.3)	0.7 (0.5-0.8)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	0.2 (0.1-0.2)
2	24 (18-30)	16 (12-20)	10 (7.3-13)	6.7 (4.6-8.6)	4.2 (2.9-5.4)	2.6 (1.8-3.4)	1.6 (1.1-2.1)	1.0 (0.7-1.3)	0.7 (0.4-0.9)	0.4 (0.3-0.6)	0.3 (0.2-0.4)
3	32 (25-40)	22 (17-28)	15 (11-19)	9.6 (6.9-13)	6.1 (4.4-8.1)	3.8 (2.7-5.1)	2.4 (1.7-3.2)	1.5 (1.1-2.0)	1.0 (0.7-1.3)	0.6 (0.4-0.9)	0.4 (0.3-0.5)
4	41 (35-49)	30 (24-37)	20 (16-26)	14 (10-18)	8.7 (6.7-12)	5.6 (4.2-7.7)	3.5 (2.6-4.9)	2.2 (1.7-3.1)	1.4 (1.1-2.0)	0.9 (0.7-1.3)	0.6 (0.4-0.8)
5	50 (46-58)	38 (34-46)	27 (24-34)	19 (16-24)	12 (11-16)	7.9 (6.9-11)	5.0 (4.4-6.8)	3.2 (2.8-4.4)	2.1 (1.8-2.8)	1.3 (1.1-1.8)	0.9 (0.7-1.2)
6	59	47	36	25	17	11	7.2	4.6	3.0	1.9	1.2

Age = 70 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	12	8.3	5.6	3.7	2.4	1.6	1.0	0.7	0.5	0.3	0.2
1	19 (17-24)	13 (12-17)	8.8 (7.8-11)	5.9 (5.2-7.7)	3.9 (3.4-5.1)	2.6 (2.3-3.4)	1.7 (1.5-2.2)	1.1 (1.0-1.5)	0.8 (0.7-1.0)	0.5 (0.5-0.7)	0.4 (0.3-0.5)
2	28 (23-34)	20 (16-25)	14 (11-18)	9.4 (7.7-12)	6.3 (5.1-8.3)	4.2 (3.4-5.6)	2.8 (2.3-3.7)	1.9 (1.5-2.5)	1.3 (1.0-1.7)	0.9 (0.7-1.2)	0.6 (0.5-0.8)
3	39 (32-46)	29 (24-35)	21 (17-26)	14 (11-18)	9.9 (7.7-12)	6.7 (5.2-8.5)	4.4 (3.4-5.7)	3.0 (2.3-3.8)	2.0 (1.6-2.6)	1.4 (1.1-1.8)	0.9 (0.7-1.2)
4	51 (43-57)	40 (33-46)	30 (24-35)	22 (17-26)	15 (12-18)	10 (7.8-13)	7.0 (5.2-8.5)	4.8 (3.6-5.8)	3.3 (2.4-4.0)	2.2 (1.7-2.7)	1.5 (1.1-1.8)
5	62 (54-66)	52 (44-56)	41 (34-44)	31 (25-34)	23 (18-25)	16 (12-18)	11 (8.4-12)	7.6 (5.7-8.5)	5.2 (4.0-5.9)	3.6 (2.7-4.1)	2.5 (1.9-2.8)
6	71	63	53	43	32	24	17	12	8.2	5.7	3.9

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Ten year probability of hip fractures (%) according to BMD, the number of clinical risk factors (CRF) and age in men from Argentina.

Age = 75 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	10	7.3	5.1	3.6	2.5	1.8	1.2	0.9	0.6	0.4	0.3
1	18 (14-35)	13 (10-27)	9.5 (7.2-20)	6.8 (5.1-14)	4.8 (3.6-10)	3.4 (2.5-7.4)	2.4 (1.7-5.2)	1.7 (1.2-3.7)	1.2 (0.9-2.7)	0.9 (0.6-1.9)	0.6 (0.5-1.4)
2	28 (19-45)	21 (14-36)	16 (10-28)	12 (7.1-21)	8.5 (5.0-16)	6.1 (3.5-11)	4.3 (2.5-8.2)	3.1 (1.8-6.0)	2.3 (1.3-4.3)	1.6 (0.9-3.1)	1.2 (0.6-2.3)
3	40 (25-56)	32 (19-47)	25 (14-38)	19 (10-30)	14 (7.2-22)	10 (5.1-17)	7.4 (3.6-12)	5.4 (2.6-8.9)	4.0 (1.9-6.5)	2.9 (1.3-4.7)	2.1 (1.0-3.4)
4	53 (33-64)	45 (26-56)	37 (20-47)	29 (15-38)	22 (11-30)	17 (7.6-22)	12 (5.4-17)	9.1 (3.9-12)	6.7 (2.8-9.1)	4.9 (2.0-6.7)	3.6 (1.5-4.9)
5	65 (43-71)	58 (35-64)	49 (27-56)	41 (21-47)	33 (16-38)	26 (11-29)	19 (8.2-22)	15 (6.0-17)	11 (4.4-13)	8.1 (3.2-9.4)	5.9 (2.3-6.9)
6	75	69	62	54	45	37	29	22	17	13	9.6

Age = 80 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	8.4	6.3	4.7	3.5	2.6	1.9	1.4	1.1	0.8	0.6	0.5
1	15 (11-29)	11 (8.2-23)	8.5 (6.1-18)	6.4 (4.6-14)	4.8 (3.4-11)	3.6 (2.5-7.9)	2.7 (1.8-5.9)	2.0 (1.4-4.5)	1.5 (1.1-3.5)	1.2 (0.8-2.6)	0.9 (0.6-2.0)
2	23 (14-39)	18 (11-32)	14 (8.2-25)	11 (6.2-20)	8.3 (4.6-15)	6.3 (3.5-12)	4.7 (2.6-8.9)	3.6 (2.0-6.9)	2.8 (1.5-5.3)	2.1 (1.1-4.1)	1.6 (0.9-3.1)
3	33 (19-48)	27 (15-41)	22 (11-34)	17 (8.6-28)	13 (6.5-22)	10 (4.8-17)	7.9 (3.6-13)	6.1 (2.8-10)	4.7 (2.1-8.0)	3.6 (1.6-6.1)	2.8 (1.2-4.7)
4	45 (26-57)	38 (20-50)	32 (16-42)	26 (12-35)	21 (9.4-29)	16 (7.1-23)	13 (5.4-18)	9.9 (4.2-14)	7.7 (3.2-11)	6.0 (2.5-8.5)	4.6 (1.9-6.6)
5	57 (35-63)	50 (28-56)	43 (23-49)	36 (18-42)	30 (14-35)	24 (10-28)	19 (8.0-23)	15 (6.2-18)	12 (4.8-14)	9.5 (3.7-11)	7.4 (2.8-8.9)
6	68	62	56	48	41	34	28	23	18	15	11

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Ten year probability of hip fractures (%) according to BMD, the number of clinical risk factors (CRF) and age in men from Argentina.

Age = 85 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	6.8	5.3	4.2	3.3	2.5	2.0	1.6	1.3	1.0	0.8	0.6
1	12 (8.7-24)	9.4 (6.9-20)	7.5 (5.4-16)	6.0 (4.3-13)	4.7 (3.3-10)	3.7 (2.6-8.2)	2.9 (2.1-6.5)	2.4 (1.6-5.3)	1.9 (1.3-4.3)	1.5 (1.1-3.4)	1.2 (0.8-2.7)
2	19 (11-33)	15 (8.9-28)	12 (7.1-23)	10 (5.6-19)	8.0 (4.4-15)	6.3 (3.5-12)	5.1 (2.7-9.7)	4.1 (2.2-7.9)	3.3 (1.8-6.4)	2.7 (1.4-5.1)	2.2 (1.1-4.1)
3	28 (15-41)	23 (12-36)	19 (9.8-30)	16 (7.8-25)	13 (6.2-21)	10 (4.8-17)	8.4 (3.9-14)	6.8 (3.1-11)	5.6 (2.5-9.3)	4.5 (2.0-7.6)	3.6 (1.6-6.1)
4	39 (21-50)	33 (17-44)	28 (14-38)	24 (11-32)	20 (8.8-27)	16 (7.0-22)	13 (5.6-19)	11 (4.5-15)	8.9 (3.7-13)	7.3 (3.0-10)	5.9 (2.4-8.5)
5	50 (29-56)	45 (24-51)	39 (20-45)	33 (16-39)	28 (13-33)	24 (10-28)	20 (8.3-23)	16 (6.7-19)	14 (5.5-16)	11 (4.5-13)	9.3 (3.6-11)
6	61	56	51	45	39	33	28	24	20	17	14

Age = 90 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	5.5	4.5	3.7	3.1	2.5	2.0	1.7	1.4	1.2	1.0	0.9
1	9.7 (7.1-20)	8.1 (5.9-17)	6.7 (4.8-15)	5.6 (4.0-12)	4.6 (3.3-10)	3.8 (2.7-8.4)	3.2 (2.2-7.1)	2.7 (1.9-6.0)	2.3 (1.6-5.1)	1.9 (1.3-4.3)	1.6 (1.1-3.6)
2	16 (9.2-28)	13 (7.6-24)	11 (6.3-21)	9.4 (5.2-17)	7.8 (4.3-15)	6.5 (3.5-12)	5.5 (2.9-10)	4.6 (2.5-8.9)	3.9 (2.1-7.6)	3.3 (1.8-6.4)	2.8 (1.5-5.5)
3	24 (13-36)	20 (11-32)	17 (8.7-27)	15 (7.2-24)	12 (6.0-20)	10 (4.9-17)	8.9 (4.1-15)	7.6 (3.5-13)	6.5 (3.0-11)	5.5 (2.5-9.2)	4.7 (2.1-7.9)
4	34 (17-44)	30 (15-40)	26 (12-35)	22 (10-31)	19 (8.5-26)	16 (7.0-23)	14 (5.9-20)	12 (5.0-17)	10 (4.3-15)	8.8 (3.6-13)	7.5 (3.1-11)
5	45 (24-51)	40 (21-46)	36 (18-41)	32 (15-37)	28 (12-32)	24 (10-28)	21 (8.8-24)	18 (7.5-21)	16 (6.4-19)	14 (5.4-16)	12 (4.6-14)
6	56	52	47	43	38	33	30	26	23	20	17